

**CLAIMS**

- 1        A communication method via a network (30) between a recording and/or reproducing  
device (20) able to read a data carrier (22), and a remote unit (10) comprising additional data  
5        (11) for the data carrier (22), said communication method comprising the steps of:
- extracting data carrier properties (23) from the data carrier (22) inserted in the recording  
and/or reproducing device (20),
  - sending said properties (23) to the remote unit (10), and
  - authenticating the data carrier (22) by comparing said properties (23) with the ones of a  
10        corresponding data carrier legally produced by a provider, before sending the additional  
data (11) to the recording and/or reproducing device (20).
- 2        A communication method as claimed in claim 1, wherein the data carrier properties  
(23) are written in a control data zone of the data carrier (22).  
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- 3        A communication method as claimed in claim 1, further comprising a step of  
blacklisting the recording and/or reproducing device (20) if the remote unit (10) receives a  
number of requests higher than a predetermined threshold from said recording and/or  
reproducing device (20) containing a non-authenticated data carrier.  
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- 4        A communication method as claimed in claim 1, wherein the remote unit (10) is able  
to send different types of additional data (11) as a function of the properties (23) of the data  
carrier (22).
- 25        5        A communication system comprising a recording and/or reproducing device (20) able  
to read a data carrier (22), and a remote unit (10) comprising additional data (11) for the data  
carrier (22), said device (20) and unit (10) communicating via a network (30), wherein the  
remote unit (10) is able to retrieve data carrier properties (23) from the data carrier (22)  
inserted in the recording and/or reproducing device (20), and to authenticate said data carrier  
30        (22) by comparing said properties (23) with the ones of a corresponding data carrier legally  
produced by a provider, before sending the additional data (11) to said recording and/or  
reproducing device (20).

6 A remote unit (10) for communicating with a recording and/or reproducing device  
(20) able to read a data carrier (22), the remote unit (10) comprising additional data (11) for  
the data carrier (22), means for retrieving data carrier properties (23) from the data carrier  
(22) inserted in the recording and/or reproducing device (20), and means for authenticating  
5 said data carrier (22) by comparing said properties (23) with the ones of a corresponding data  
carrier legally produced by a provider, before sending the additional data (11) to said  
recording and/or reproducing device (20).

7 A recording and/or reproducing device (20) able to read a data carrier (22) and to  
10 communicate with a remote unit (10) comprising additional data (11) for the data carrier (22),  
said device comprising means for extracting data carrier properties (23) from the data carrier  
(22) inserted in the recording and/or reproducing device (20) and means for sending said  
properties (23) to the remote unit (10).

15 8 A computer program comprising program instructions for implementing, when said  
program is executed by a processor, a communication method via a network (30) between a  
recording and/or reproducing device (20) able to read a data carrier (22), and a remote unit  
(10) comprising additional data (11) for the data carrier (22), said communication method  
comprising the steps of:

- 20 – extracting data carrier properties (23) from the data carrier (22) inserted in the recording  
and/or reproducing device (20), and  
– sending said properties (23) to the remote unit (10).

9 A computer program comprising program instructions for implementing, when said  
25 program is executed by a processor, a communication method via a network (30) between a  
recording and/or reproducing device (20) able to read a data carrier (22), and a remote unit  
(10) comprising additional data (11) for the data carrier (22), said communication method  
comprising the steps of:

- 30 – retrieving data carrier properties (23) from the data carrier (22) inserted in the recording  
and/or reproducing device (20), and  
– authenticating the data carrier (22) by comparing said properties (23) with the ones of a  
corresponding data carrier legally produced by a provider, before sending the additional  
data (11) to the recording and/or reproducing device (20).